

What is claimed is:

1 1. A pack to safely carry energetic materials and energetic initiators, comprising:
2 an energetic material section having an opening and closure means to close the opening;
3 an energetic initiator section, comprising:
4 a second opening;
5 second closure means to close the second opening;
6 a fabric comprising at least one layer of a conductive material substantially
7 surrounding the energetic initiator section with a back panel between the energetic material
8 section and the energetic initiator section having at least one layer of blast resistant and
9 fragmentation inhibiting material.

1 2. The pack of claim 1, wherein the energetic initiator section further comprises:
2 an initiator containment panel, removably attached to the back panel, comprising at least
3 one layer of blast resistant and fragmentation resistant material;
4 a second fabric comprising at least one layer of blast resistant and fragmentation
5 inhibiting material attached to the initiator containment panel forming a plurality of initiator
6 holder pockets; and,
7 a third fabric, substantially adjacent to a plurality of bottoms of the plurality of initiator
8 holder pockets and adjacent to an outer edge of the of the pack, comprising at least one layer of
9 blast resistant and fragmentation inhibiting material.

1 3. The pack of claim 2, wherein the plurality of initiator holder pockets further comprise
2 two concentric plastic tubes having an air gap therebetween.

1 4. The pack of claim 3, wherein the initiator containment panel further comprises at least
2 one layer of polycarbonate material which hardens when impacted by a projectile.

1 5. The pack of claim 2, wherein the back panel comprises two layers of a nylon material
2 and two layers of a blast resistant and fragmentation inhibiting material and one layer of
3 conductive material therebetween.

1 6. The pack of claim 4, wherein the plurality of initiator holder pockets further comprise
2 two layers of a nylon material having two layers of the blast resistant and fragmentation
3 inhibiting material therebetween.

1 7. The pack of claim 2, wherein the third fabric further comprises at least one layer of
2 polycarbonate material which hardens when impacted by a projectile.

1 8. The pack of claim 2, further comprising a plurality of initiator holder pocket tops,
2 removeably attached to the plurality of initiator holder pockets wherein the initiator holder
3 pocket tops keep the initiators within the initiator holder pockets until the initiator holder pocket
4 tops are removed.

1 9. The pack of claim 5, wherein the initiator containment panel comprises two layers of a
2 polycarbonate material which hardens when impacted by a projectile surrounded by four layers
3 of blast resistant and fragmentation inhibiting material surrounded by two layers of nylon.

1 10. The pack of claim 9, wherein the third fabric comprises a layer of blast resistant and
2 fragmentation inhibiting material surrounded by two layers of polycarbonate material which
3 hardens when impacted by a projectile surrounded by four layers of blast resistant and
4 fragmentation inhibiting material surrounded by two layers of nylon.

1 11. The pack of claim 10, wherein the second closure means comprises a zipper covered
2 by a flap of the fabric when the zipper is closed.

1 12. A safe method of transporting primary explosives and initiators, comprising the steps
2 of:

3 providing a pack having a first section and a second section, at least one layer of blast
4 resistant and fragmentation inhibiting material between the first and second section and at least
5 one layer of a conductive material surrounding the second section;

6 placing the primary explosives within the first section; and,

7 placing the initiators within the second section.

1 13. The method of claim 14, wherein the pack further comprises at least one layer of a
2 polycarbonate material which hardens when impacted by a projectile.

1 14. The method of claim 15, wherein the pack further comprises multiple layers of
2 polycarbonate material which hardens when impacted by a projectile, blast resistant and
3 fragmentation inhibiting material, nylon between the first and second sections.